

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-2. (canceled)

3. **(currently amended)** A polyhedron inspection feeder, comprising including a passage forming member for moving ~~a polyhedral inspection~~ an object to be inspected in a predetermined moving direction, ~~characterized in that wherein~~

the passage forming member includes a groove that has first and second opposite side walls having first and second inclined angles, respectively, said first and second inclined angles varying is formed into a shape of groove, and has an arrangement of U letter type, V letter type and U letter type sectional groove shape, and further, is provided with a rotating feed section, which includes a groove having right and left inclined angle changing along the moving direction of the inspection object so that the inspection object is rotated by a predetermined angle while being moved in said moving direction; and

said groove comprises segments having U-shaped, V-shaped and U-shaped cross sections, respectively.

4-5. (canceled)

6. **(currently amended)** [[A]] The polyhedron inspection feeder of characterized in that two rotating feed sections described in claim 3, comprising two said passage forming members which are continuously combined with each other.

7-10. *(canceled)*

11. **(new)** The polyhedron inspection feeder of claim 3, wherein said segments having U-shaped, V-shaped and U-shaped cross sections, respectively, are arranged in the recited order along the moving direction of the object.

12. **(new)** The polyhedron inspection feeder of claim 6, wherein the grooves of said passage forming members are successively arranged along the moving direction of the object.

13. **(new)** The polyhedron inspection feeder of claim 11, comprising two said passage forming members the grooves of which are successively arranged along the moving direction of the object.

14. **(new)** The polyhedron inspection feeder of claim 3, wherein the first and second side walls define therebetween a constant angle in the segment of V-shaped cross section, and the first side wall and a bottom of said groove define therebetween said constant angle in the segments of U-shaped cross section.